

SM3H 2.7 odd answers

1. $\sum_{k=1}^{11} (6k - 13)$

3. $\sum_{k=1}^{k+1} k^2$

5. $\sum_{k=1}^{\infty} 6(-2)^{k-1}$

7. 18

9. 3,240

11. 975

13. 24,573

15. ≈ 50.400

17. 155

19. ≈ 4.002

21. -196,495,641

23. converges, 12

25. converges, 4

27. $a_n = 8 + 5.9n$

29. $x = 7, 6$

31. $(5x - 4y)(25x^2 + 20xy + 16y^2)$

33. $\frac{x^2 - 6}{(x+2)(x+3)(x-3)}$